

Stephan T. Melnychuk et al.
 DIAMOND BASED PROTON BEAM TARGET FOR CONTRABAND DETECTION SYSTEMS
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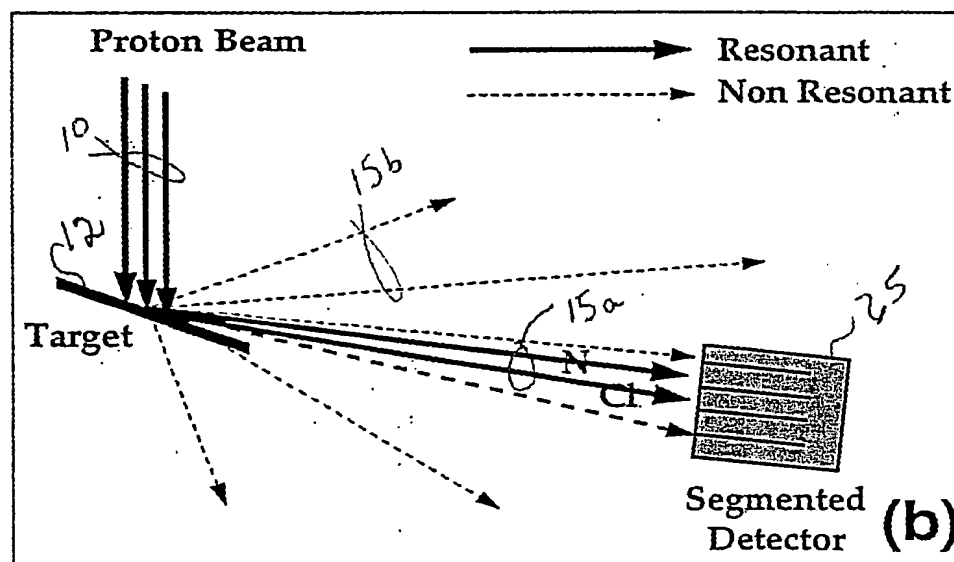
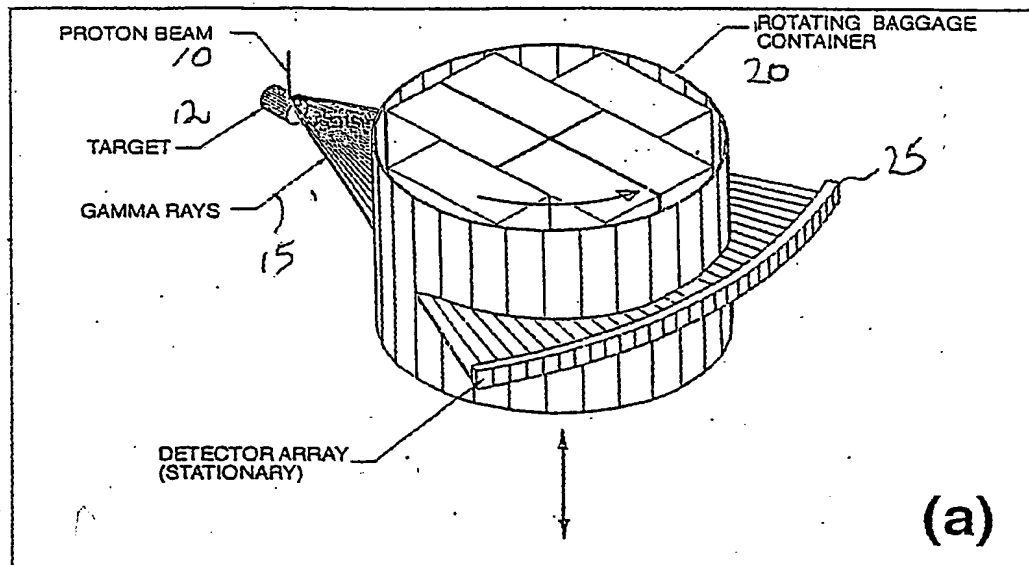


Figure 1. Schematic of (a) contraband detection system and (b) gamma beam geometry

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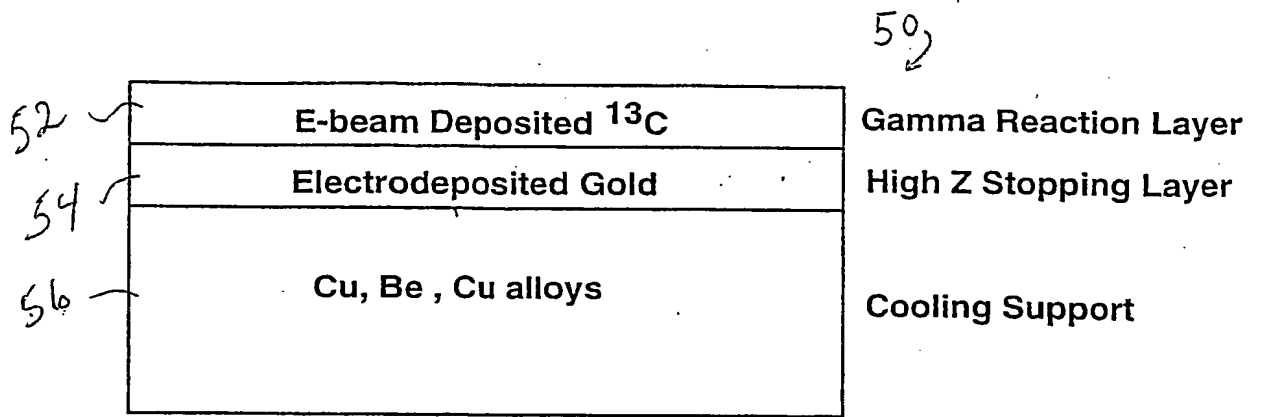


Figure 2. Schematic of Proton Beam Target: Prior Art

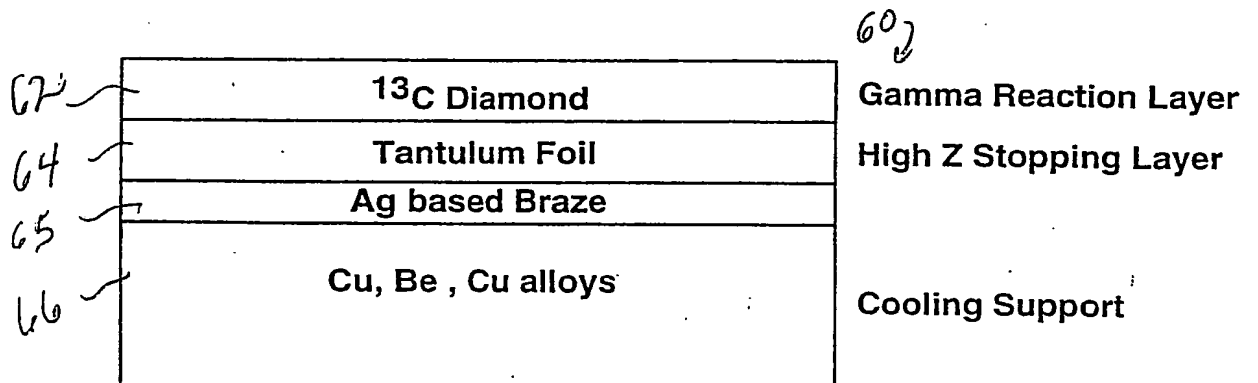
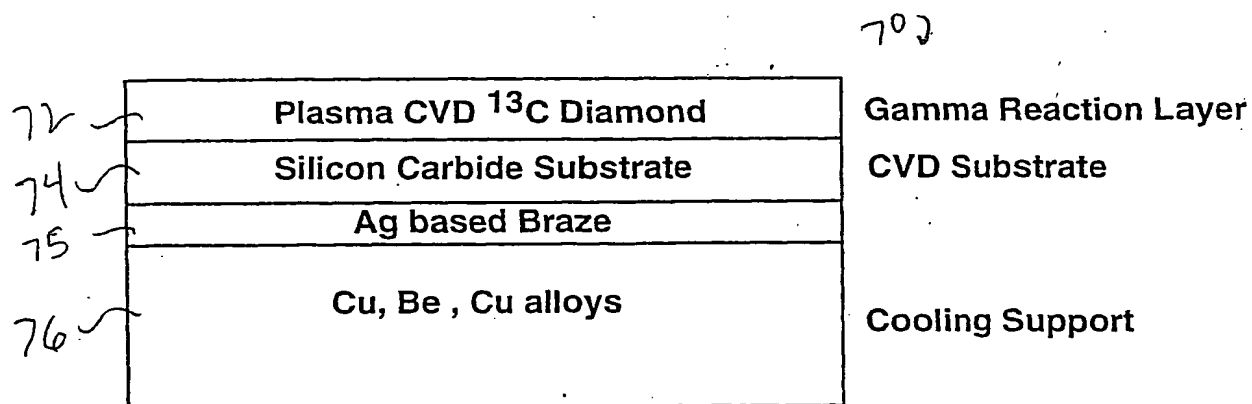


Figure 3. Schematic of Proton Beam Target : New Design
for Electrostatic Accelerator Based CDS

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**Figure 4. Schematic of Proton Beam Target : New Design
for RF Accelerator Based CDS**